

CLAIMS

1. A ventilating apparatus installed in a ventilating hole drilled in an outer wall of a building to enable natural ventilation, the apparatus
5 comprising:

a sound deadening cartridge installed in the ventilating hole;

and a cap cover detachably installed in an interior opening of the ventilating hole for covering the sound deadening cartridge and thus the interior opening of the ventilating hole, the cap cover having an air
10 outlet through which introduced external air having passed through the sound deadening cartridge is blown out into a room, and the air outlet being provided along a wall surface for allowing the introduced external air to flow out along the wall surface.

2. The ventilating apparatus according to claim 1, wherein the air
15 outlet comprises a normally open portion and an adjustment area in which a control plate is placed, and the control plate opens and closes a part of the air outlet so that an amount of air to be introduced can be controlled.

3. The ventilating apparatus according to claim 1, wherein the air
20 outlet is configured to be open parallel to the wall surface and in all directions and is normally open.

4. The ventilating apparatus according to claim 1, wherein the cap cover includes a mounting base fixed to the ventilating hole and a front cover detachably attached to the mounting base, and the sound
25 deadening cartridge is detachably attached to a rear surface of the front

cover.

5. The ventilating apparatus according to claim 4, wherein the front cover has a ring-like attachment member that can be attached to and detached from the mounting base so that the air outlet is formed
5 between the cover and the attachment member.

6. The ventilating apparatus according to claim 4, wherein the air outlet is formed between the front cover and the mounting base.

7. The ventilating apparatus according to claim 4, wherein the cap cover has a top panel that can be attached to and detached from the front
10 cover, on a front surface of the front cover.

8. The ventilating apparatus according to claim 2, wherein the cap cover includes a mounting base fixed to the ventilating hole and a front cover detachably attached to the mounting base, the front cover has a ring-like attachment member that can be attached to and detached from
15 the mounting base, the control plate is placed between the front cover of the cap cover and the attachment member, and the control plate is fitted into a guide groove formed along edges of the front cover and attachment member and is supported so that the control plate can slide in the guide groove along the edges.

20 9. The ventilating apparatus according to claim 2, wherein the normally open portion is located in an upper part of the air outlet, and the normally open portion remains open even when the control plate is fully closed.

10. The ventilating apparatus according to claim 1, wherein the sound
25 deadening cartridge comprises an expanding silencer and a sound

absorbing material which covers an inner surface of the expanding silencer and an external air inlet and which also serves as a filter.

11. The ventilating apparatus according to claim 10, wherein a mixture of antibacterial, deodorant metal and titanium oxide with
5 antibacterial, deodorant ceramic is applied to the sound absorbing material.

12. The ventilating apparatus according to claim 1, further comprises a detachable pre-filter externally covers an external air inlet in the sound deadening cartridge.

10 13. The ventilating apparatus according to claim 12, wherein the pre-filter is installed outside the sound absorbing member covering the external air inlet in the sound deadening cartridge and also serving as an air filter.